



Partners in Education

THE
UNIVERSITY
OF RHODE ISLAND
COOPERATIVE
EXTENSION

Rhode Island 4-H

Partnership

For over 100 years 4-H has focused on science, health and life skills education through hands on activities for youth age 5-18. Partnering with other youth organizations we have been able to have a bigger impact, reach more youth and help support the goals of our partners.

Through grants and the National 4-H system we have compiled a library of project books, educational kits and equipment that make it easy for adults to teach meaningful, researched, tested, hands on projects that directly tie to learning objectives and real world problems. Kit's include equipment (like mixers, incubators, rocket launches) and they include most of the consumables (paper, Ziplock bags, paint...).

There are multiple ways to partner, here are some examples:

FREE Educational Kits

(For groups to borrow)

FREE YouTube Videos

(Viewable on our YouTube Channel)

Field Programs (Fee)

(At your location, materials and a 4-H instructor included for a flat fee)

KITS

ANIMAL SCIENCE

VETERINARY SCIENCE

Animal Science Learning Lab Kits from Ohio 4-H are your answer for species-specific, hands-on learning: **DAIRY, RABBIT, GOAT, DOG, HORSE, POULTRY, SHEEP, BEEF**



EMBRYOLOGY

Classroom Hatching Kit– Learn biology through experience with living organisms.



PLANT ID

Learn to identify plants and their uses.

PLANT SCIENCE

Learn the biology of Plants.



KITS TO BORROW

PHYSICS & ENGINEERING

4 WHEELING PHYSICS

Learn Physics while playing with remote control cars.

BALLS & TRACKS

Building a “rollercoasters” out of everyday items.

DRONE DISCOVERY

Build a Drone and learn about aerodynamics.

INDOOR ROCKETS

Build and launch indoors.

SODA BOTTLE ROCKETS

Launch Rockets Outside



HOT AIR BALLOONS

Launch mini hot air balloons to learn thermodynamics

JUNK DRAW ROBOTICS

Learn the simple concepts of Robotics.

CATAPULT CHALLENGE

Build a catapult in order to launch marshmallows.

ECO BOTS

Build mini-robots to Solve an “oil” spill.

SPAGHETTI TOWERS

Build the tallest tower with this engineering challenge

ENERGY

SOLAR CARS

Explore Renewable Energy and electricity by building a solar car.

WIND POWER

Make turbines and simple machines exploring energy and electricity.



LIFE SKILLS



TEAMBUILDING

Activities that teach cooperative, teamwork and leadership.

COOKING

Lesson plans to teach youth how to cook and make meals.



ARTS

VISUAL ARTS

Multiple lessons in each kit to complete art projects. Kits include: **DRAWING, PAINTING, WATERCOLOR, PHOTOGRAPHY**



FOR 5-8 YEAR OLDS

JACK OF ALL TRADES

Sampler of hands on projects for younger youth.

MAGIC OF SCIENCE

Wands, potions and slime for younger youth.



CHEMISTRY

FORENSICS

Chemistry experiments to solve crimes!

EDIBLE SCIENCE

Learn about the chemistry of food.





Field Programs

We come to you! Pick one of the kits and work with one of our educators to design a custom program for your group. The educator comes to your location to teach a 1 hour or 2 hour hands on program. The fee includes the educator's time and materials for up to 20 students (age 5-18).

1 hour = \$200

2 hour = \$350

- After a program, you may feel you can teach the lessons and borrow the kits for free in the future.
- Educators will not be responsible for supervision of youth.
- Limited number of field programs available per month, schedule yours ASAP!

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